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Department of Education

# Regulations

relating to

## SUBJECTS OF STUDY

for

Grades IX, X, XI, XII and XIII

in

COLLEGIATE INSTITUTES, HIGH, VOCATIONAL AND CONTINUATION SCHOOLS

and for

Grades IX and X

in

PUBLIC AND SEPARATE SCHOOLS

1941

Issued by Authority of
The Minister of Education

# SUBJECTS OF STUDY

## GRADE IX

The following are the subjects for Grade IX in all types of schools. The time-allotment suggested represents an estimate of the relative importance of the various subjects of study for the work of this grade. Modifications of the time-allotment to suit local conditions may be made, with the approval of the Minister.

| | |
|---|---|
| English, including Spelling | 20% or 320 minutes |
| Social Studies | 15% or 240 " |
| Health and Physical Education | 7½% or 120 " |
| Mathematics | 10% or 160 " |
| General Science or Agricultural Science | 7½% or 120 " |
| French | 10% or 160 " |
| Business Practice and Writing | 10% or 160 " |
| Shop Work and Home Economics | 10% or 160 " |
| Music and Art | 10% or 160 " |
| or | |
| Music | 10% or 160 " |
| or | |
| Art | 10% or 160 " |

## GRADE X

### GENERAL COURSE

**Obligatory Subjects**

| | |
|---|---|
| English | 20% |
| Social Studies | 15% |
| Health and Physical Education | 7½% |

**Options**

Any four of:

| | |
|---|---|
| Mathematics | 12½–15% |
| Science or Agriculture | 12½–15% |
| Latin | 12½–15% |
| French | 12½–15% |
| Shop Work or Home Economics | 12½–15% |
| Commercial Work | 10–12½% |
| German or Greek | 10–12½% |
| Music and Art | 10–12½% |
| or | |
| Music | 10–12½% |
| or | |
| Art | 10–12½% |

NOTE 1. A pupil who in the judgment of the Principal and his staff has the requisite ability may select five options if the school time-table makes provision for the additional subject.

NOTE 2. With the approval of the Principal a pupil who is not a candidate for an Intermediate Certificate or a Secondary School Diploma may select fewer than four options.

### INDUSTRIAL AND AGRICULTURAL COURSES

**Obligatory Subjects**

| | |
|---|---|
| English | 20% |
| Social Studies | 15% |
| Health and Physical Education | 7½% |
| Mathematics | 12½% |
| Science | 10% |
| *Shop Work or Agriculture and Shop Work | 30–40% |

**Options**

| | |
|---|---|
| Music or Art | 5% |

### HOME ECONOMICS COURSE

**Obligatory Subjects**

| | |
|---|---|
| English | 20% |
| Social Studies | 15% |
| Health and Physical Education | 7½% |
| *Home Economics | 25–35% |

**Options**

Any two of:

| | |
|---|---|
| Mathematics | 10–12½% |
| Science | 10–12½% |
| Music or Art or Music and Art or French | 10–12½% |

## COMMERCIAL COURSE

**Obligatory Subjects**

| | |
|---|---|
| English | 20% |
| Social Studies | 15% |
| Health and Physical Education | 7½% |
| *Typewriting, Stenography, Bookkeeping and Writing | 30–40% |

**Options**

Any two of:

| | |
|---|---|
| Mathematics | 10–12½% |
| French or Home Economics or Shop Work | 10–12½% |
| Music or Art or Music and Art | 10–12½% |
| Science or Agriculture | 10–12½% |

## ART COURSE

**Obligatory Subjects**

| | |
|---|---|
| English | 20% |
| Social Studies | 15% |
| Health and Physical Education | 7½% |
| *Art | 30–40% |

**Options**

Any two of:

| | |
|---|---|
| Mathematics | 10–12½% |
| Science | 10–12½% |
| Shop Work or Home Economics | 10–12½% |
| French | 10–12½% |
| Music | 10–12½% |

*If more than 30% is given to one of these courses, the additional time required may be taken from the other subjects on the programme.

# GRADES XI AND XII

## GENERAL COURSES

The following division of time is recommended, but modifications of the time-allotment to suit local conditions may be made, with the approval of the Minister.

**Obligatory Subjects**

| | |
|---|---|
| English | 20% |
| History | 10% |
| Health and Physical Education (see Note 9) | |

**Options**

Any four of:

| | |
|---|---|
| Mathematics | 15% |
| Science or Agriculture | 15% |
| Geography | 15% |
| French | 15% |
| Latin | 15% |
| German | 15% |
| Greek | 15% |
| Spanish | 15% |
| Italian | 15% |
| Commercial Work | 15% |
| Shop Work or Home Economics | 15% |
| Music and Art or Music or Art | 15% |

The time remaining may be distributed among the obligatory or optional subjects or may be used for teaching a fifth optional subject.

## VOCATIONAL COURSES

### INDUSTRIAL AND AGRICULTURAL DEPARTMENTS

| **Obligatory Subjects** | **Grade XI** | **Grade XII** |
|---|---|---|
| English | 10% | 10% |
| History and Elements of Economics | 10% | 5% |
| Shop Work, or Agriculture and Shop Work | 50% | 55% |
| Mathematics and Science | 20% | 20% |
| Health and Physical Education (see Note 9) | 5% | 5% |
| **Options** | | |
| Music or Art or Draughting | 5% | 5% |

### ART DEPARTMENT

| Obligatory Subjects | Grade XI | Grade XII |
|---|---|---|
| English | 15% | 10% |
| History | 10% | 5% |
| Art and Crafts | 60% | 65% |
| Health and Physical Education (see Note 9) | | |
| **Options** | | |
| Any one of: | | |
| Music, French, Science, Mathematics | 10% | 15% |

### HOUSEHOLD ARTS DEPARTMENT

| Obligatory Subjects | Grade XI | Grade XII |
|---|---|---|
| English | 15% | 10% |
| History and Elements of Economics | 5% | 5% |
| Health (including Home Nursing) | 10% | 15% |
| Science or Art | 10% | 10% |
| Practical Work | 50% | 50% |
| Health and Physical Education (see Note 9) | | |
| **Options** | | |
| Any one of: | | |
| French, Mathematics, Music, Business Practice (including Typewriting), Science or Art (if not taken as an obligatory subject) | 10% | 10% |

### COMMERCIAL DEPARTMENT

| Obligatory Subjects | Grade XI | Grade XII |
|---|---|---|
| English | 15% | 15% |
| History and Elements of Economics | 10% | 10% |
| Health and Physical Education (see Note 9) | | |
| Commercial Subjects | 50–60% | 60% |
| **Options** | | |
| Any one or two of: | | |
| Mathematics, French, Art, Music, Science, Home Economics, General Shop | 10–20% | 10% |

# GRADE XIII

## GENERAL COURSE

**Obligatory Subject**
Health and Physical Education (see Note 9)

**Optional Subjects**

| | | |
|---|---|---|
| English (Literature, Composition) | Physics | Greek |
| Algebra | Chemistry | French |
| Geometry | Botany | German |
| Trigonometry | Zoology | Spanish |
| Modern World History | Latin | Italian |

Additional subjects recommended by the local authorities and approved by the Minister.

The only new courses which are to be introduced in September, 1941, are those in Modern Languages.

## CERTIFICATES AND DIPLOMAS

An Intermediate Certificate will be issued, on the recommendation of the Principal of a Collegiate Institute, a High, Continuation or Vocational School, or on the recommendation of the Principal of a Public or Separate School with the approval of the Inspector concerned, to a pupil who has completed successfully the course of study prescribed for Grade IX and one of the courses of study prescribed for Grade X, as set forth on pages 3 and 4.

A Secondary School Graduation Diploma will be issued, on the recommendation of the Principal of a Collegiate Institute, a High, Continuation or Vocational School, to a pupil who has completed successfully one of the courses of study prescribed for Grades XI and XII, as set forth on pages 4 and 5. The Minister may also issue a Secondary School Graduation Diploma to a pupil who has not taken all the options required in a prescribed course, provided that the Principal certifies that the pupil has completed successfully a four-year High School course and that all the options prescribed have not been provided in the school.

A Secondary School Honour Graduation Diploma will be issued, on the recommendation of the Principal of a Collegiate Institute, a High, Continuation or Vocational School, to a pupil who has completed successfully a course of study prescribed for Grade XIII and has obtained nine credits in the optional subjects. Standing in Algebra, Geometry, Trigonometry, History, Physics, Chemistry, Botany and Zoology will each count as **one** credit. Standing in English and the other languages will each count as **two** credits.

Applications for Intermediate Certificates and Graduation Diplomas will be made by the Principals concerned upon forms to be obtained from the Department of Education.

NOTE 1. **Re Grade IX Courses.**

In Vocational Schools and in schools having vocational departments, pupils enrolled in Grade IX classes should take the General Course as outlined, and such pupils shall be classed as High School pupils.

If, however, there are enrolled in Grade IX classes pupils who have determined their course of study, the time allotted to the teaching of the courses in General Shop, Home Economics, Agricultural Science, Business Practice, Art or Music may on the recommendation of the Principal and with the approval of the Minister be extended to 23⅓ per cent if French is a subject of study, or to 33⅓ per cent if French is not a subject of study. Such pupils shall be classed as vocational pupils.

NOTE 2. **Re Time-allotment in Certain Schools**

In Fifth Classes, Continuation Schools and High Schools, where provision has not been made for the teaching of Home Economics and General Shop Work, the time on the programme allotted to these subjects may be divided among the other subjects.

NOTE 3. **Re History.**

In Grade XI the course in Ancient and Mediaeval History will be continued. In Grade XII the new course in Modern History will be introduced in September, 1941. In Grade XIII the course in Modern History as amended in 1940 will be continued for 1941-42.

In Vocational Schools, classes in Grades XI and XII will take the new course in History of Commerce and Industry.

NOTE 4. **Re Middle School English and Other Languages.**

The Middle School courses in English and in each of the other languages are progressive in character and of two years' duration.

In each of these subjects the final standing shall be determined at the end of Grade XII and shall be reported to the Department by a single percentage mark.

NOTE 5. **Re Upper School Examinations.**

The Upper School examinations for 1942 in all subjects with the exception of French, German, Spanish and Italian will be similar to those of 1941. For information with respect to examinations in these four languages see Circular 58 and the Memorandum to Principals re Courses of Study, 1941-42.

NOTE 6. **Re Science and Agricultural Science.**

In schools where the organization will permit, the courses in Physics and Chemistry should be taught concurrently for two years. In other schools the Physics courses for Grades XI and XII may be completed in one year and the Chemistry courses for the same grades in another year. The same is true for the courses in Agricultural Science, which may be substituted for the courses in Physics and Chemistry.

NOTE 7. **Re Mathematics.**

The course in Algebra should be taught in Grade XI, and the course in Geometry in Grade XII. In schools where the organization will permit, the courses in Algebra and in Geometry may be taught concurrently in Grades XI and XII for two years.

NOTE 8. **Re Commercial Courses.**

In approved Commercial Departments of Collegiate Institutes and High and Continuation Schools, the courses for Grades X, XI and XII will be those of the Vocational Commercial Departments.

NOTE 9. **Re Health and Physical Education.**

Health and Physical Education, which is an obligatory subject in Grades XI, XII and XIII, will, until further notice, be an extension of the courses in Health and Physical Education in Grades IX and X, and in addition special instruction in First Aid. It is recommended

that in all boys' classes (and in as many girls' classes as possible), in Grades XI, XII and XIII, one half-hour a day be allotted to Health and Physical Education, even if this necessitates a lengthening of the school day.

NOTE 10. **Re Home Economics and General Shop Work.**

For information regarding the qualifications of teachers, the grants, etc., see Circular—"Recommendations and Regulations for the Establishment, Organization and Management of Home Economics and General Shop Work Courses, 1940."

## AUTHORIZED TEXT-BOOKS, 1941-42

**English:**

| | | |
|---|---|---|
| For Grade IX (Oral Reading) | The Canada Book of Prose and Verse (Book I). Ryerson and Macmillan | $0.50 |
| | The Canada Book of Prose and Verse (Book II). Ryerson and Macmillan | .50 |
| | Modern Literature for Schools. Copp Clark Co., Ltd., Toronto. | .65 |
| For Grades IX and X (Composition and Grammar) | An English Highway—Moon and McKay. Longmans, Green & Co., Toronto | .60 |
| | A Junior School English Course—F. F. Potter, M.A., B.Sc. Sir Isaac Pitman & Sons (Canada), Ltd., Toronto | .60 |
| | Living English for Grades IX and X—Diltz and Cavell. Clarke, Irwin & Co., Ltd., Toronto | .75 |
| For Grades XI and XII | Expressing Yourself (Canadian Edition)—Wade, Blossom and Eaton. Renouf Publishing Co., Toronto | 1.00 |
| | Learning to Write (Canadian Edition)—Reed Smith. Macmillan Co. of Canada, Ltd., Toronto | 1.00 |
| | Creative English—H. W. Brown. Copp Clark Co., Ltd., Toronto. (For Grade XI) | .50 |
| | Mastering Effective English—Tressler and Lewis. Copp Clark Co., Ltd., Toronto. (For Grade XII) | .40 |

**French:**

| | | |
|---|---|---|
| For Grades IX and X | Basic French. Copp Clark Co., Ltd., Toronto | .95 |
| For Grades XI and XII | Cours moyen de français (Part I; Canadian Edition)—Travis and Travis. Clarke, Irwin & Co., Ltd., Toronto | 1.00 |

**Social Studies:**

| | | |
|---|---|---|
| For Grades IX and X | A History of the Canadian People. Copp Clark Co., Ltd., Toronto | .46 |
| | A Reader in Canadian Civics. Macmillan Co. of Canada | .28 |
| | Ontario Public School Geography. W. J. Gage & Co., Ltd., Toronto | .75 |
| | Britain and the Empire—Daniher. Copp Clark Co., Ltd., Toronto | .70 |
| | Britain's Story—Williams, Gill and Baird. J. M. Dent & Sons (Canada), Ltd., Toronto | .70 |
| | The British People, A Story of Social Development—Anstey. W. J. Gage & Co. | .70 |
| For Grade XI | The Ancient and Mediaeval World. Longmans, Green & Co. | .85 |
| | Ancient and Mediaeval History—New and Phillips. Clarke, Irwin & Co., Ltd., and J. M. Dent & Sons (Canada), Ltd. | 1.00 |

| | | |
|---|---|---|
| For Grade XII | World Civilization (Part II). Copp Clark Co., Ltd. | $1.00 |
| **Mathematics:** | | |
| For Grade IX | General Mathematics (Book I)—Jackson, Dean and Crawford. Macmillan Co. of Canada, Ltd., Toronto | .45 |
| For Grade X | General Mathematics (Book II)—Lougheed and Workman. Macmillan Co. of Canada, Ltd., Toronto | .50 |
| For Grades XI and XII | A New Algebra for High Schools. Macmillan Co. of Canada, Ltd., Toronto | .55 |
| | A Modern Geometry for High Schools. Macmillan Co. of Canada | .50 |
| For Vocational Classes (All Grades) | Mathematics for Technical Schools. Copp Clark Co., Ltd., Toronto | .70 |
| **Business Practice and Bookkeeping** | Essentials of Business Practice. Sir Isaac Pitman & Sons (Canada), Ltd., Toronto | .60 |
| | New Course Bookkeeping. Ryerson Press | .70 |
| | Elementary Accounting—Theory and Practice. W. J. Gage & Co. | .90 |
| **General Shop** | General Shop Work—Ashcroft and Easton. Macmillan Co. of Canada, Ltd., Toronto | 1.00 |
| **General Science:** | | |
| For Grade IX | General Science (Part I)—Henry Bowers, M.A., D.Paed. J. M. Dent & Sons (Canada), Ltd., Toronto | .50 |
| | Junior Science for Secondary Schools (Part I)—V. N. Bruce. Sir Isaac Pitman & Sons (Canada), Ltd., Toronto | .50 |
| For Grade X | General Science (Part II)—Henry Bowers, M.A., D.Paed. J. M. Dent & Sons (Canada), Ltd., Toronto | .65 |
| | Junior Science for Secondary Schools (Part II)—V. N. Bruce. Sir Isaac Pitman & Sons (Canada), Ltd., Toronto | .65 |
| For Grades XI and XII | Elements of Physics (Revised Edition). Copp Clark Co., Ltd., Toronto | 1.00 |
| | Physics Manual. Copp Clark Co., Ltd. | .50 |
| | Chemistry, A First Course. W. J. Gage & Co., Ltd., Toronto. | .50 |
| | Chemistry Manual. W. J. Gage & Co., Ltd., Toronto | .25 |
| **Latin:** | | |
| For Grades X, XI and XII | Latin for Secondary Schools—Hamilton and Carlisle. W. J. Gage & Co., Ltd., Toronto | 1.00 |
| | Latin for To-day (Abridged Edition). Ginn & Co., Toronto. | 1.00 |
| | Latin Reader for High Schools—Glassey and Bennett. Ryerson Press | .35 |
| | Ontario High School Latin Book. The Educational Book Co., Ltd., Toronto | .70 |

NOTE 1. For other authorized text-books see Circular 14, Text-book Regulations, 1941, or Circular 52, Text-books Authorized and Approved for Vocational Schools.

NOTE 2. For texts recommended for pupils' use in Grade XIII courses in Modern Languages see Schedule D of Circular 14.